

wherein the annular laminated stack and the annular end plates are fixedly coupled to one another by caulking at the plurality of first and second fixing portions formed in one of substantially triangular and trapezoidal-shapes.

7. The rotor structure according to claim 6, wherein each of the first fixing portions of the annular laminated stack is formed in a rectangular shape on each electromagnetic sheet plate which has a side of more than 1 mm and another side of more than 2 mm, and wherein each of the first fixing portions formed in one of substantially triangular and trapezoidal-shapes has a height equal to one to two times the thickness of each electromagnetic steel plate.

8. The rotor structure according to claim 1, wherein each of the second fixing portions of the annular end plate has substantially the same dimensional size as that of each of the first fixing portion of the annular laminated stack.

10. A rotor structure for a magnet motor, comprising:

an annular laminated stack of electromagnetic steel plates incorporating therein permanent magnets;

annular means holding the annular laminated stack at both sides thereof in a fixed place;

cylindrical means carrying thereon the annular laminated stack and the annular means;

and

a rotor shaft integrally connected to the cylindrical means to be rotatable therewith;

wherein each outer end surface of the annular laminated stack has a plurality of first fixing portions formed in one of substantially triangular and trapezoidal-shapes, and the annular

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means has a plurality of second fixing portions formed in one of substantially triangular and trapezoidal-shapes ; and

wherein the annular laminated stack and the annular means are fixedly coupled to one another by caulking at the plurality of first and second fixing portions formed in one of substantially trapezoidal or triangular-shapes.